

GEORGESCU, C.

Aspects of forestry in India. p. 375.
REVISTA PADURILOR. Bucuresti.
Vol. 70, no. 9, Sept. 1955

SOURCE: East European Acquisitions List (EEAL), LC, Vol. 5, no. 2,
February 1956

GRIGORESCU, C.; MOCANU, V.

GRIGORESCU, C.; MOCANU, V. Tracheomycosis of oak seedlings, p. 593.

Vol. 21 (i. e. 71) No. 9, Sept. 1956

PAUL T. H. J. M. VAN DER

AGRICULTURE

Bucuresti, Romania

No: Mart European Accesstion, Vol. 6, No. 2, Feb. 1957

GEOORGESCU, C.

Progress in forest biology in Rumania p. 435 Vol. 70, no. 10, Oct 1955
REVISTA PADURILOR RUMANIA, BUCURESTI

SOURCE: East European Accessions List (EEAL) LC Vol 5, NO 6, June 1956

GEORGESCU, C.

Michurin's theory and its application to forestry in Romania. p. 572.

REVISTA PADURILOR. (Asociatia Stiintifica a Inginerilor si Technicienilor
din Romania si al Ministerului Agriculturii si Silviculturii) Bucuresti.

Vol. 70, no. 12, Dec. 1955.

So. East European Accessions List Vol. 5, No 8 August, 1956

COUNTRY : ROMANIA
 CATEGORY : Forestry. Dendrology. K

ARC. JOUR. : RZhBiol., No. 3, 1959, №. 10763

AUTHOR : Georgescu, C. S., Catrina, I.

PUB. : -

TITLE : A Study of the Normal and Pathological Physiology of the Black Pine Having the Symptoms of Withering.

ORIG. PUB. : Bul. științ. Acad. RPR. Soc. biol. și stiinte agric. Ser. bot., 1957, 9, No. 2, 173-193.

ABSTRACT : During May and September 1954, in the region of Medias (Romania), there was being determined the moisture content in the woody tissue of healthy trunks of black pine (30-60 years of age), the trunks being in different stages of withering, and also in the woody tissue of trees injured artificially. In the trees with crowns which have withered by 25%, there occurs an accumulation of moisture in the trunk attributable to a smaller amount of leaves while possessing a normally functioning root system. In the trees with crowns withered by 50 and 75%, the moisture content in the wood tissue decreases in comparison with

CARD: 1/3

CATEGORY :

ARC. JOUR. : RZhBiol., No. 1959, №. 10763

AUTHOR :

PUB. :

TITLE :

ORIG. PUB. :

ABSTRACT : healthy trees, especially in the lower part of the trunk which indicates a disturbance in the uptake of water by the roots. In trees with completely withered crowns but still living trunks, the moisture accumulates at the base of the trunk and its content is 4-5 times higher than in healthy trees. Along with this, there is observed "the soaking of heartwood" while the sick trees injured by Pressler's drill behave as the injured healthy trees. Girdling the withered trees produces a shock for

CARD: 2/3

RUMANIA/Plant Diseases. Diseases of Forest Species.

Abs Jour: Ref Zhur-Biol., No 5, 1958, 20661.

formation of elements which caused the control plants to wilt.

Card : 2/2

9

RUMANIA/Plant Physiology - Water Regime.

I-3

Abs Jour : Ref Zhur - Biol., No 6, 1958, 24661

Author : Georgescu S.S., Micanu V.O., Catrina F. APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000514730002-9"

Inst :
Title : On the Study of Normal and Pathological Transpiration, Withering, and Moisture in Shoots cut from Healthy and Damaged Black Pine.

Orig Pub : Bul. shtiint. Acad. RPR. Sec. biol. shi shtiintse agric. 1956, 8, No 4, 739-753

Abstract : The objects of study were black pines of the Mediash region fifty years old, 28-29 cm in diameter and 13-14 m in height. The variations in transpiration intensity (by the Huber-Ivanov method) were studied in shoots cut from healthy and artificially damaged (mostly through boring) trees. The curve of the daily course of transpiration intensity had at the end of the vegetation period only one maximum between 12 noon and 3 p.m. During the withering of the cut

Card 1/2

RUMANIA/Plant Physiology - Water Regime.

I-3

Abs Jour : Ref Zhur - Biol., No 6, 1958, 24661

GEOORGESCU, C.

Contributions to the study of the disease caused by Discosia pini Herald
to resinous seedlings which have been soaked under the snow. p. 36.
ANALELE ROMINA-SOVIETICE. SERIA AGRICULTURA
Vol. 10, No. 3, May/June 1956, Rumania

SOURCE: East European Lists, Vol. 5, No. 10, October, Library of Congress,

62077027, 2.

An attack of DIPLODIA PINEA (Desm) Kickx on pine stems and needles injured by late frosts. p. 333, REVISTA PADURILOR. (Asociatia Stiintifica a Inginerilor si Technicienilor din Romania si al Ministerului Agriculturii si Silviculturii) Bucuresti, Vol. 70 (i.c. 71) no. 6, June, 1956.

SOURCE: East European Acquisitions List, (EEAL) Library of Congress, Vol. 5, no. 11, November, 1956.

COUNTRY : ROMANIA
 CATEGORY : Plant Physiology. Water Conditions. I
 ART. JOUR. : RZhBiol., No. 3 1959, No. 10607
 AUTHOR : Georgescu, C. C., Nitu, Gh.
 INST. :
 TITLE : The Study of Sap in Healthy and Desiccated Austrian Pine.
 ORIG. PUB. : Bul. stiint. Acad. RPR. Sec. biol. si stiinte agric.
 Ser. bot., 1957. 9, No. 1, 87-103
 ABSTRACT : Sap flow in 31 trees (aged 55-60 years) of healthy and
 withering pine was studied in Mediasch rayon (Mf). 0.3%
 aqueous fuchsin solution was being injected into the tree
 trunks at the height of 0.5 meters above the ground sur-
 face for 3 and 6 hours with the aid of Sevirkov-Merzat-
 skiy syringe. Fuchsin moved through Cambium and in a
 small amount through the heartwood and through the entire
 xylem ring. In the narrow annual rings, fuchsin moved
 faster than in the wide ones. The curve of the rate of
 the pigment movement during a day is similar to the curve
 of transpiration. The rate of the translocation of

CARD: 1/3

CATEGORY :
 ART. JOUR. : RZhBiol., No. 1959, No. 10607
 AUTHOR :
 INST. :
 TITLE :
 ORIG. PUB. :
 ABSTRACT : Fuchsin was decreasing with the withering of the crown:
 in trees with the crown 75% withered, the rate of trans-
 location equals 0.06-0.07 meters per hour in comparison
 with 0.5-1.36 meters per hour in healthy trees. The ab-
 sorption of fluid was increasing with the withering of
 the crown. In the branches, the pigment moved 3-4 times
 faster than in the trunk. On the southern side of the
 crown, the movement of the sap is more intensive than on

CARD: 2/3

GEORGIU, I.; VREJCU, M.

Rust of larch needles caused by the fungus Melampsoridium betulinum
(Pers.) Kleb. p. 96.
(REVISTA PADURILOR. Vol. 71, no. 2. Feb. 1957. Romania)

30: Monthly List of East European Accessions (EEAL) DC, Vol. 6, no. 7, July 1957. Uncl.
PMS 78

GEORGESCU, Ciprian..

The physiology of growth and development.

p.(563) (Revista Padurilor) Vol. 71, no. 9, Sept. 1957, Bucuresti, Romania

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

GEORGASOU, C.; TUTUNARU, V.

Contribution to the knowledge of the micromycetic flora on the conifers of Romania. In German. p. 41.

REVUE DE BIOLOGIE. JOURNAL OF BIOLOGY. (Academie Republicii Populare Romane) Bucuresti, Romania. Vol. 3, no. 1, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 3, no. 7, July 1959.

Uncl.

GEORGESCU, C.

TECHNOLOGY

Periodicals: CEIULOZA SI MURTEL. Vol. ?, no. 6, June 1958

GEORGESCU, C. Executed works and their bearing upon the increase of the production capacity of the U.S. Rusca reed terrain. p. 227

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

GEORGESCU, C.; PETRESCU, M.; TUTUNARU, V.

Lesions on the species Thuja and Chamaecyparis made by late frosts, and
the fungi accompanying them. p. 221.

STUDII SI CERCETARI DE BIOLOGIE. SERIA BIOLOGIE VEGETALIA. Bucuresti.
Vol. 10, no. 3, 1958.

Monthly List of East European Accessions (EEAI) IC, Vol. 9, no. 1, January 1960.

Uncl.

GEORGESCU, C.; CATRINA, I.

Researchers in the normal and pathological physiology of healthy black pines, and of those with various degrees of withering. II Water dynamics in the wood of healthy trees, or of those on the way to withering. In French. p. 65.

REVUE DE BIOLOGIE. JOURNAL OF BIOLOGY (Academia Republicii Populare Române)
Bucuresti, Rumania
Vol. 4, no. 1, 1959

Monthly list of Eastern European Accession Index (EEAI), LC Vol. 8, No. 11
November 1959
Uncl.

GEORGESCU, C.C.; NITU, Gh.; TUTUTNARU, V.

Research on the water circulation in the oak *Quercus robur L.* in the
course of its drying. Studii cerc biol veget 12 no.4:475-495 '60.
(EEAI 10:5)

1. Membru corespondent al Academiei R.P.R. (for Georgescu)
(Oak)

GEORGESCU, C. C.; CATRINA, I.; TUTUNARU, V.

Process of crown restoration and transpiration intensity in the spruce
trees attacked by Lymantria monacha L. Studii cerc biol veget 13 no.4:
467-476 '61.

1. Membru corespondent al Academiei R.P.R.(for Georgescu).

GEORGESCU, C. C.; VASILE, Sanda

The nature of the inflorescence of Trifolium repens L.,
explained on the basis of streaked heads. Rev biol 7
no. 4: 537-542 '62.

1. Biologisches Institut "Traian Savulescu", Sektion fur
Pflanzenmorphologie und-systematik.
2. Korrespondierendes Mitglied der Akademie der RVR (for
Georgescu).

GEORGESCU, C.C. (Bucuresti)

Some considerations on forest fast-growing species. Natura
Biologie 14 no.2:10-18 Mr-Ap '62.

1. Membru corespondent al Academiei R.P.R.

GEORGESCU, C.C.; TUTUNARU, V.; CATRINA, I.

Humidity of the wood of the spruces defoliated by Lymantria
monacha L. Studii cerc biol veget 14 no.3:259-276 '62.

1. Membru corespondent al Academiei R.P.R. (for Georgescu).

IONESCU, Nicon, dr.; GEORGESCU, Elvira, dr.; TEORDORESCU, F., dr.; GEORGESCU, C., dr.; TOADER, Gh., dr.

Critical considerations on the dysproteinemia tests, with special reference to the Sellek-Frade reaction. Med. intern. 3:359-364 Mr '62.

1. Lucrare efectuata in Spitalul din Tr. Magurele.

(BLOOD PROTEINS) (LIVER DISEASES diagnosis)
(TUBERCULOSIS, PULMONARY diagnosis) (ARTHRITIS, RHEUMATOID diagnosis)
(NEOPLASMS diagnosis) (CORONARY DISEASE diagnosis)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730002-9

GEOORGESCU, C., prof. inv. mediu (Craiova)

Technical problems. Gaz mat fiz 15 no.2:91-99 p '63.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730002-9"

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730002-9

GFORGFECU, Corneliu (Craiova)

Relation between the side l_n of a regular polygon with n sides and the radius R of the circumscribed circle. Gaz mat B 15 no.3:106-109 Mr '64.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730002-9"

GEORGESCU, C.C.; DIHORU, Gh.; CIOBANU, I.R.

Taxonomic considerations on some *Quercus* species in the
herbarium of the Museum of Natural History in Budapest.
Studii cerc biol veget 15 no.4:433-452 '63.

1. Membru corespondent al Academiei R.P.R. (for Georgescu)

GEORGESCU, C.C.

Some critical taxonomic considerations on the notion of
higher plant species. Studii cerc biol s. bot 16 no. 1:
61-73 '64.

The Europeea Flora Symposium. Ibid. 77-78

1. Corresponding Member of the Rumanian Academy.
2. Laboratory of Systematics and Vegetable Morphology, "Traian Savulescu" Institute of Biology.

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730002-9

GEORGESCU, C. C., prof. univ. (Bucuresti)

The Third Symposium Flora Europaea. Natura Biologie 16 no. 1:
84-86 Ja-F '64.

1. Membru corespondent al Academiei R.P.R., Bucuresti.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730002-9"

GEORGESCU, C.C.; SANDA, V.

Considerations on the anatomic modifications produced in
Nardus stricta L. leaves by treatment with herbicides and
inorganic fertilizers. Studii cerc biol s. bot 16 no. 2:
143-149 '64.

1. "Traian Savulescu" Institute of Biology, Laboratory of
Morphology and Vegetable Systematics. 2. Corresponding Member
of the Rumanian Academy (for Georgescu).

GEORGESCU, C.C.; CIOBANU, I.R.

Studies on the petiole anatomy of the Quercus species
belonging to the Lanuginosae and Sessiliflorae series in
Rumania. Studii cerc biol s. bot 16 no. 3:195-203 '64.

1. Laboratory of Systematics and Vegetable Morphology,
"Traian Savulescu" Institute of Biology. 2. Corresponding
Member of the Rumanian Academy (for Georgescu).

GEORGESCU, C.C.

New considerations on the Stigmella juniperina (Georgescu et Badea) M.B.Ellis species. Studii cerc. biol. s. bot 16 no. 4:337-339 '64.

1. Corresponding Member of the Rumanian Academy, "Traian Savulescu" Institute of Biology, Laboratory of Systematics and Vegetable Morphology.

GEORGESCU, C.C.; CIOBANU, I.R.

Geographical and ecologic considerations on the Quercus
species in the Lanuginosae Simk. and Sessiliflorae Locaj
series in Rumania. Studii cerc biol s. bot 17 no.1:15-22
'64.

1. Laboratory of Morphology, Systematics, and Vegetation's Cytology,
"Traian Savulescu" Institute of Biology. 2. Corresponding
Member of the Rumanian Academy (for Georgescu). Submitted
October 13, 1964.

GEOORGESCU. C.C., prof.

Prof. Alexandru Buia, 1911-1964. Studii cerc biol s bot 17 no.1:
115-116 '64.

1. Corresponding Member of the Rumanian Academy.

RUMANIA

NESTORESCU, N., Prof. Dr., Member Correspondent of the Academy of Socialist Republic of Romania (membru corespondent al Academiei Republicii Socialiste Romania); STRATI, I., Lieutenant-Colonel, Medical Corps; POPESCU, Al., Colonel, Medical Corps; and GEOORGESCU, Colette

"Immunofluorescence in the Identification of the *Pseudomonas pseudomallei*, the Etiologic Agent of Melioidosis"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 282-285

Abstract: Study of fluorescence microscopy revealed that this procedure is perfectly adequate in the diagnosis of melioidosis, permitting differentiation of *Pseudomonas pseudomallei* (any of 10 strains) from any of 11 other species of bacteria which might interfere with identification (53 strains of latter tested) 1 Table.

1/1

RUMANIA

NESTORESCU, N., Prof. Dr., Member Correspondent of the Academy of Socialist Republic of Rumania (membru corespondent al Academiei Republicii Socialiste Romania); BARGER, Celia; POPOVICI, Marcella, POPESCU, Al., Colonel, Medical Corps; and GEORGESCU, Colette.

"Experimental Studies on Immunogenesis with Extracts of Vibrio cholerae in Producing Diagnostic Seras. Part I: Studies on the Qualities of the Phenol Extracted Antigens"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 288-289

Abstract: Description of procedure to obtain the phenol extract of potentially diagnostic antigen, a polysaccharide from Vibrio cholerae strains 16147, Inaba and 16192 Ogawa, with uncertain or relatively unreliable results.

1/1

RUMANIA

NESTORESCU, N., Prof. Dr., Member Correspondent of the Academy of Socialist Republic of Rumania (membru corespondent al Academiei Republicii Socialiste Romania); POPOVICI, Marcella, POPESCU, Al., Colonel, Medical Corps; and GEORGESCU, Colette.

"Effectiveness of Immunofluorescence Sera in the Diagnosis of Cholera. Experimental Studies"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 290-291

Abstract: Of 30 species of mainly gram-negative bacteria tested with the antigen prepared from two strains of *Vibrio cholerae*, only *Vibrio metschnikoffi* was relatively difficult to distinguish from *Vibrio cholerae*; the common intestinal pathogens *Salmonella*, *Proteus*, *Pseudomonas*, *Providencia* and *Shigella* did not give much trouble in this respect.

1/1

RUMANIA

POPESCU, Al., Colonel, Medical Corps; and GEORGESCU, Colette

"Experimental Studies on the Possibilities of Rapid Identification by
Means of Immunofluorescence of Vibrios of Cholerae in Fecal Specimens"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 305-307

Abstract: Immunofluorescence, using 2 strains of Vibrio cholerae added to
feces in appropriate numbers, revealed that there is considerable difficulty
in practice before being able to use this method for bacteriologic diagnosis,
due primarily to interfering fluorescence by other bacteria and to inadequate
intensity of fluorescence by the pathogens in question.

1/1

RUMANIA

POPESCU, Al., Colonel, Medical Corps; and GEORGESCU, Colette

"Experimental Studies on the Possibilities of Rapid Immunofluorescence
Diagnosis and Identification of Vibrio cholerae in Water"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 307-308

Abstract: Studies with 10^3 to 10^9 cells of Vibrio cholerae 16152 Ogawa strains added to each milliliter of water revealed that 10^5 cells per milliliter is the minimum density required to begin to be able to diagnose their presence easily, although lower densities may be noted provided scanning is prolonged enough.

1/1

- 41 -

ACC NR: AP6030344

SOURCE CODE: RU/0003/65/016/003/0139/0143

AUTHOR: Georgescu, C. I.

12
B

ORG: none

TITLE: Continuous reduction of the cost of machines and equipment by means of planning / [This paper was presented at the Report Session IPROCHIM-IPRAN held in Bucharest from 3 to 4 July 1964.]

SOURCE: Revista de chimie, v. 16, no. 3, 1965, 139-143

TOPIC TAGS: economics, industrial program

ABSTRACT: A discussion of possibilities for cutting costs of machines and equipment in the design stage by judicious selection of design solutions, manufacturing technology, dimensions, materials, etc. Examples from the author's design experience are used as illustrations. [Based on author's Eng. abst.] [JPRS]

SUB CODE: 05 / SUBM DATE: none

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Card 1/1

0918 1067

SAUWARD, Sanda; MOLNAR, I.; STERESCU, N.; NICOLAU, Elena; GEORGESCU, C.M;
WINTER, Janeta; MARTINA, S.

Evaluation of the delayed effect of some hormonal preparations.
Stud. cercet. encocr. 15 no.2:97-105 '64.

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730002-9

GEORGESCU, Dumitru, ing.

For economic designing. Constr Buc 16 no.734:3 1 F'64.

1. Din I.S.P.H.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730002-9"

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

CHENOU, D. C., MD.

Institute of Oncology, Bucharest (Institutul Oncologic, Bucuresti)

Bucharest, Vinten Radigala, No 12, Zip Nov 63, Tel 111-1510

"Organization at the Present time of Cancer Control in the
Romanian People's Republic."

R/005/62/000/003/002/006
D014/D105

AUTHORS: Stefanescu, Sofronie, Engineer; Sinnreich, Heinrich, Engineer,
and Georgescu, Doina, Engineer

TITLE: The ST-3 system of transistorized carrier currents with three
channels

PERIODICAL: Telecommunicatii, no. 3, 1962, 100-107

TEXT: The article presents the transistorized three-channel ST-3
carrier current system to be used in open-wire telephone communications.
The ST-3 system was developed by the "I.A.Tc." which produces the R.V.T.
voice repeater and the single-channel ST-1 system in series and which also
developed the 24-channel ST-24 system for cable operation. The ST-3 system
can operate with two or four copper conductors by using a single modulation
and a suppressed-carrier single side-band. The introduction of three addi-
tional telegraph channels was also made possible. The ST-3 voice-frequency
band is 0.3 - 3.4 kc, the difference between the carrier frequencies 4 kc,
the call frequency 2,280 cps, the pilot frequencies 4 and 32 kc, the fre-
quency range of the system 4 - 32 kc, and the planned band for additional

Card 1/2

STEFANESCU, Sofronie, ing.; SINNREICH, Heinrich, ing.; GEORGESCU, Doina, ing.

A 3-channel transistorized carrier current system for open wire.
Telecomunicatii 6 no.3:100-107 My-Je '62.

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730002-9

POSTELNICU, T.; GEORGESCU, D.

Biophysical Conference in Berlin, November 26-29, 1962.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730002-9"

GEORGESCU, D., ZAHARIA, V.

Achievements in the field of iron and manganese ores, and nonmetallic minerals.
p. 335

REVISTA MINELOR. (Miniterul Minelor, Ministerul Industriei Petrolului si Chimiei
Directia Exploatarilor Miniere si Asociatia Stiintifica a Inginerilor si Tehnicienilor
din Romania) Bucuresti, Romania. Vol. 10, No. 8, Aug. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1960
Uncl.

~~Surname (in code); Given Names~~

Country: Romania

Academic Degrees: Engineer

Affiliation: Zootechnical Experimental Station (Statiunea Experimentala Zootechnica), Rusetu.

Source: Bucharest, Probleme Zootehnice si Veterinare, No 7, Jul 61,
pp 20-23.

Data: "Data Concerning the Improvement of the Tigai Sheep at the
Rusetu Zootechnical Experimental Station."

JIPA, Al.C.; GEORGESCU, D.

Research on natural water demineralization by ion ex-changers. Studii prot spur apelor 4245-259 '63.

GEORGESCU, D.C., dr.

Cancer prophylaxis. St si Teh Buc 15 no,1:26-27 Ja '63

1. Oncologic Institute, Bucharest.

RUMANIA/Organic Chemistry. Theoretical Organic
Chemistry.

G-1

Abs Jour : Rev Zhur-Khimya, No 9, 1959, 31208

Author : Mihail, R., Istratolu, R., Lupu, Al.,
Georgescu, E.

Inst : -
Title : On the Reaction of Re-esterification of
Diethylterephthalate by Ethyleneglycol.

Orig Pub : Studii si cercetari chim., 1958, 6, No 5,
161-183

Abstract : The rate of re-esterification of diethyl-
terephthalate (I) by ethyleneglycol (II)
(mol. ratio I : II = 1 : 2.6) under the
influence of additions of Na, Li, Mg, PbO,
MgO, ZnO, Sb₂O₃ and Zn, Cd, Co, Ni, Na and

Card : 1/3

RUMINT/Organic Chemistry. Theoretical Organic
Chemistry.

G-1

Abs Jour : Ref Zhur-Khimiya, No 9, 1959, 31208

U acetates was studied at various temperatures. The greatest reaction rates were observed in the presence of the catalysts Na, Li, MgO, PbO, acetates of Cd, Zn, or Co (or, and still better, in the presence of a mixture of an oxide and an acetate) at the concentration of the catalysts of 0.20 - 0.28 percent and at the temperature of reaction of 200°. for example, in the presence of the mixture of 2 g of $Zn(C_2CH_3)_2$ [sic] and 1 g of PbO (the catalyst concentration = 0.20 percent and the temperature of 100°), the re-esterification is completed in 135 - 140 min. The reaction of re-esterification proceeds according to

Card : 2/3

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RUMANIA/Organic Chemistry. Theoretical Organic
Chemistry.

G-1

Abs Jour : Ref Zhur-Khimiya, No 9, 1959, 31208

the first and second orders. A scheme of the mechanism in the reaction is proposed: $R' O^- + p-ROOC_6H_4COOR \rightleftharpoons [R'O(RO)C(O^-)C_6H_4COOR-p] \rightleftharpoons p-R'OCOC_6H_4COOR + RO^-$, where $R = CH_3$ and $R' = OCH_2CH_2OH$ [sic]. Together with this process, a secondary reaction of formation of $O(CH_2CH_2OH)_2$ and some oligomers take place.
-- L. Marin

Card : 3/3

FODOR, O.; STANESCU, L. [Stanescu, L.]; DZHEORDZHIISKU, Ye. [Georgescu, E.]
(Rumyanskaya Narodnaya Respublika)

Manifestations of the insufficiency syndrome after subtotal gastrectomy in peptic ulcer (insufficiency syndrome). Sov.med. 23
no.11:14-25 N '59.

(MIRA 13:3)

(GASTRECTOMY complications)
(NUTRITION DISORDERS etiology)

IONESCU, Nicon, dr.; GEORGESCU, Elvira, dr.; THEODORESCU, F., dr.; GEORGESCU, C., dr.; TOADER, Gh., dr.

Critical considerations on the dysproteinemia tests, with special reference to the Sellek-Frade reaction. Med. intern. 3:359-364 Mr '62.

1. Lucrare efectuata in Spitalul din Tr. Magurele.
(BLOOD PROTEINS) (LIVER DISEASES diagnosis)
(TUBERCULOSIS, PULMONARY diagnosis) (ARTHRITIS, RHEUMATOID diagnosis)
(NEOPLASMS diagnosis) (CORONARY DISEASE diagnosis)

SAVEANU, T.; DUMITRESCU, Gh.; GEORGESCU, E.; EDUARD, H.

Contribution to the epidemiological study of inframicrobial hepatitis
in the region of Ploiesti. Stud. cercet. inframicrobiol. 13 no.3:297-
312 '62.

(HEPATITIS, INFECTIOUS) (MORBIDITY) (MORTALITY)

BACIU, Zoe, dr.; GRIGORAS, D., dr.; GEORGESCU, E., dr.

Considerations on Gilbert's cholemia. Med. intern. 15 no.6:
749-754 Je '63.

1. Lucrare efectuata in Clinica a III-a medicala, Cluj
(director: prof. O. Fodor).
(HYPERBILIRUBINEMIA)

FODOR, C., prof.; BARBARINO, Fedora, dr.; GEORGESCU, E., dr.; NICOLAE, A., dr.; MIRITA, I., dr.

Critical appraisal of the value of the methods of liver function test using BSP. Studies of BSP in serum, bile, urine and of the separate chromatographic fractions. Med. intern. (Bucur.) 17 no.4: 399-412 Ap '65.

1. lucrare efectuata in Clinica a III-a medicala, Institutul medico-farmaceutic, Cluj (director: prof. C. Fodor).

CRACIUN, E.C.; MOTOC, Florica; CONSTANTINESCO, Smaranda; GEORGESCU, L.

The effect of hyperoxygenation on the activity of succinate dehydrogenase, adenosine triphosphatase, the SH groups, and deoxyribonucleic acid in experimental tumours. Folia histo-
chem. cytochem. (Krakow) 3 no.2:115-118 '65.

1. Institute of Morbid Anatomy "Victor Babes", Bucuresti,
and Department of Morbid Anatomy, Institute of Medicine and
Pharmacy, Timisoara, Romania.

GEORGESCU

RUMJIL./Chemical Technology. Chemical Products and Their
Application. Electrochemical Industries. Electroplating.
Galvanic Cells.

H-12

Abs Jour: Ref Zhur-Khim., No 2, 1959, 5352.

Author : Burcioiu, Ioan; Georgescu, Florian.

Inst :

Title : Application of Electrolytic Polishing to Finishing
Races and Bodies of Antifriction Bearings.

Orig Pub: Metallurgia si constr. m.s., 1958, 10, No 3, 213-220.

Abstract: Laboratory experiments with a view to make it possible
to raise the quality of races of antifriction bearings
to the 11th grade with electrolytic polishing were
carried out on samples of steel containing about 1%
C and 1.2% Cr, which had been hardened in oil at 840°
and annealed at 160°. The optimum composition of the

Card : 1/2

RUMMIA/Chemical Technology. Chemical Products and Their
Application. Electrochemical Industries. Electroplating.
Galvanic Cells.

H-12

Abs Jour: Ref Zhur-Khim., No 2, 1959, 5345.

electrolyte is as follows (in %): H₃PO₄ (sp. gr. 1.65) -
87, H₂SO₄ (sp. gr. 1.84) - 2, CrO₃ - 6, H₂O - 5, D
= 3 to 50 a per sq.dm, temperature - 70°, duration of
polishing - 5 to 9 min. The industrial test of the
developed technology was carried out on inner and outer
races of bearings of the type 308. Comparative tests
of the wear-resistance of bearing races polished mech-
anically and electrochemically showed that the durability
of the latter was raised by 200%. The consumption of
electrolyte is about 2 liter per 100 bearings of the type
308. - Ya. Matlis.

Card : 3/3

ANTONIU SCU, Em.; BALIS, St.; GEORGESCU, F.; GEORGESCU, V.; HANTEA,
Ch.; MIHAIIESCU, N.; VASIN, D.; TOMESCU, C.

Sedimentologic data on the Senonian-Danian deposits in
the Vintu de Jos Geoagiu region. Studii cerc geol 8
no. 2: 215-234 '63.

1. Comunicare prezentata de academician G. Murgeanu.

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730002-9

GEORGESCU, G.

"Superfinishing of Metal Parts." p. 14, Vol. 2, no. 12, Dec. 1951, Bucuresti.

SO: East European Acquisitions List, Vol. 3, No. 9, September 1954, Lib. of Congress

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730002-9"

GEORGESCU, G.

GEORGESCU, G. About warm industrial floors. p. 471

Vol. 4, No. 8, August 1956

ELECTROTEHNICA

TECHNOLOGY

Bucuresti

See: East European Accession, Vol. 6, No. 3, March 1957

TEODORESKU, Sht. [Teodorescu, S.], prof.; GEORGIU, G., doktor;
BEDENOVU, A., doktor; KOL'TSOVU, A. [Colcoiu, A.], doktor;
BALTA, Ye., khimik; ATANASIU, M., khimik; OLINESCU, R.
[Olinescu, R.], khimik

Observations on cutaneous porphyrinuria. Vest.derm. i ven.
34 no.2:7-11 F '60. (MIRA 13:12)

1. Iz Bukharestskoy dermatologicheskoy kliniki (zav. - prof.
Sht.Teodoresku.
(PORPHYRINURIA)
(SKIN diseases)

BERLING, C. (Bucuresti); BURISTI, Constantin; CADARU, Stefan (Slatina);
Pirici, Liviu (Bucuresti); BUDOIU, G.; BURGUERIU, S.; IOANESCU,
Florica H. (Bucuresti); FLAICHIU, Al. (Buzau); CRISTOFORU, George
(Bucuresti); SAMEULACHE, C., prof. (Negresti, Iasi); NICULESCU, V.;
SCHIFFER, Gabriela (Cimpulung); TEODORESCU, I. prof. (Galati);
SICLOVAN, I. (Petrovani); ACM, Ionutru (Cluj); MECEN, Estimie
(Bucuresti); PAUN, N., prof. (Rimnicu Vilcea); MIHOCHEIU, Adrian
(Bucuresti); DUMITREASA, P., prof. (Cluj); MARINESCU, Cornelius
(Oradea); HORANCI, V. (Bucuresti); RADUCCI, Grigore, prof.
(Cimpina); CREIA, Gh. (Filiași); POLESCU, Ioan H. (Bucuresti);
Sarb, Ion (Iugo)

Proposed problems. Gaz mat B 16 no.4:172-177 Ap '65.

GALEA,Gh.,Conf.; MINCU,I.,dr.; GEORGESCU,Gh.,int.

Considerations on painless myocardial infarct. Med. intern.,
Bucur. 11 no.5:771-776 '60.

1. Lucrare efectuata in Clinica medicala, Spitalul "Brincovenesc"
Bucuresti, director: prof. R. Brauner.
(MYOCARDIAL INFARCT)

BERLESCHI, Elena; BADESCU, Maria; GEORGESCU, Gh.; TOMA, E.

Value of the Hamolsky test for the dynamic follow-up of thyroid
functional changes caused by sulfurous balneotherapy at the
Herculane spa. Stud. cercet. endocr. 15 no. 4 333-339 '64.

AUSLANDER, Al., ing.; GEORGESCU-GORJAN, St., ing.

Development of construction mechanization. Pt.1. Rev constr
si mat constr 16 no.8:437-442 Ag '64.

1. Head of Technical Section, State Committee for Constructions,
Architecture, and Town Planning (for Auslander). 2. Head of
Laboratory, Institute of Building Research and Construction
Economics (for Georgescu-Gorjan).

AUSLANDER, Al., Ing.; GHEORGHE GORJAN, M., Ing.

Development in construction mechanization. Pt. 2. Rev constr si
mat constr 16 no.9:463-466 S '64.

1. Head of Technical Department, State Committee for Constructions,
Architecture, and Town Planning (for Auslander). 2. Head of Labo-
ratory, Institute of Building Research and Construction Economics
(for Georgescu Gorjan).

GEORGESCU, Gh., ingeg., correspunzător BNRU, N.

Sliding shutterings are raising. Constr. Buc 16 no.747:1 1 Mai '64

1. Inginer-șef adjunct al Trustului Regional de Construcții de
Locuințe, Ploiești (fir. foliat).

GEORGESCU, I.; COTEATA, Viorica; ACHIM, V.; POPESCU, C.

The importance of histo-cytohormonal examination in functional
menometrorrhagias. Stud. cercet. endocr. 14 no. 3:
395-398 '63.

(MENORRHAGIA) (METRORRHAGIA) (ENDOMETRIAL HYPERPLASIA)
(ENDOMETRIUM) (FSH) (ECSH) (ESTROGENS)

PACOSTE, G., ing.; GEORGESCU, G., ing.; TOCAN, D., ing.; BANCIU, I., ing;
OLANESCU, M., ing.

Studies on loss of circulation in well drilling and the methods
of detecting the areas where losses occur. Petrol si gaze 14
no.10:481-489 0'63.

GECRGESCU, George, ing. (Bucuresti); FILITTI, Dan, ing. (Bucuresti)

Aspects of the small mechanization of setting up works in
thermoelectric power stations. Energetica Rum 10 no.8:348-
351 Ag '62.

1. Trustul de Constructii si Montaje Energetice, Bucuresti.

POP, R.A., ing.; GEORGESCU, I., ing.

The conference "Development of the designing work of water management,"
September 9-11, 1964, Budapest. Hidroteh apels meteor 10 no.1:48-
50 Ja '65.

ABUREL, Ye. [Aburel', E.], prof.; GEORGESCU, I. [Georgescu, I.];
NICOLESCU, E. [Nicolescu, C.]; SAVITU, N. [Scutu, N.] (Bucharest)

Liver and pregnancy. Akush. i gin. 38 no.5:3-20 S-0 '62.
(MIRA 17:11)

GEORGESCU, I.I.; TEODORESCU, Gh.; VOLJIN, V.; CICODARU, I.

Radioactivity of the first solid fallout in Bucharest,
during the 1962/63 winter. Studii cerc fiz 14 no.6:805-814
'63.

1. Institutul politehnic Bucuresti, Laboratorul de tehnica
nucleara. Universitatea din Bucuresti, Catedra de structura
materiei.

PREDA, V.; MAFTEI, Elena; BIRZU, O.; GOCAN, Marilena; GEORGESCU, I.

Role of the nervous system in the respiration of the regenerative tissues of *Triturus cristatus cristatus* Laur.
Studii cerc biol s. zool 16 no. 3:213-217 '64.

1. Chair of Biology, Medicopharmaceutical Institute, Cluj.

PAUNESCU-PODEANU, A., Prof.; DINU, I., dr.; GEORGESCU, I., dr.

Rheumatism and oxalic acid; studies of their possible pathogenic and physiopathological relations and adequate therapy. Med. int., Bucur. 9 no.1:39-43 Jan 57.

(RHEUMATISM, metabolism
oxalic acid, possible pathogenetic significance)
(OXALATES, metabolism
oxalic acid, in rheum. diseases, pathogenetic aspects)

PAUNESCU-PODEANU, A.; BERINDE, L.; GEORGESCU, I.; SCAVREDIA, C.; ROTH, L.; SANDOR, S.;
LUPRA, V.; REICHTATH, S.

Antibody disease; A case of complex disorder of the process of
antibody formation. Med. int., Bucur. 9 no.6:915-920 June 57.

(ANTIBODIES

form. disord. causing defic. of immunizing antibodies
& excess of allergizing & aggressive antibodies.)

GEORGESCU, I.St.

Recent data on the allergic etiopathogenesis of ulcerous disease.
Med. int., Bucur. 9 no.11:1622-1628 Nov 57.

1. Clinica a II-a medicula, Spitalul "I. C. Frimu" Director prof. S.
Iagnov.

(PEPTIC ULCER, etiol. & pathogen.
allergic factors)
(ALLERGY, manifestations
peptic ulcer, pathogen.)

PAUNESCU-PODEANU,A.; DINU,I.; GEORGESCU,I.; STERESCU,P.

Research on the mechanism of action of phenylbutazone in rheumatic diseases. Probl. reumat., Bucur. no.6:57-64 '59.

(PHENYLBUTAZONE, pharmacology)

(OXALATES, blood)

(URIC ACID, metabolism)

(RHEUMATISM, therapy)

PAUNESCU-PODEANU,A.,prof.; GEORGESCU,I.,dr.; HAMMER,A.,dr.; NICLEA,F.,dr.;
ROTH,L.,dr.; DANGAU,O.,dr.

Phenylbutazone in the treatment of phlebothrombosis. Some
new data on the mechanism of action. Med. int., Bucur. 12 no.1:
151-157 Ja '60.

1. Incrare efectuata in Clinica a II-a medicala, I.M.F. Timisoara.
(THROMBOSIS, therapy)
(PHENYLBUTAZONE, therapy)

BERCU, L., conf.; POMPILIAU, V., dr.; GEORGESCU, I. St., dr.

The action of serpasil on gastric secretion and motility.
Med. int., Bucur. 12 no.2:215-221 P '60.

1. Incrare efectuata in Clinica a II-^a medicala a Spitalului
"I.C. Frimu".
(RESERPINE, pharmacology)
(STOMACH, pharmacology)

TIEGERMAN, T., dr.; GEORGESCU, I. St., dr.; MAXIMILLAN, V.V.

Considerations on the diagnosis of chronic pyelonephritis.
Med. intern. 14 no.2:213-220 F '60.

1. Lucrare efectuata in Clinica medicala, Spitalul "I. C. Frimu",
I.M.F., Bucuresti.
(PYELONEPHRITIS diagnosis)

PAUNESCU-PODEANU, A., prof.; GEORGESCU, I., dr.; HAMMER, A., dr.; MICLEA, F., dr.; MUNTEANU, M., dr.; MODULA, P., dr.; DIMU, I., dr.; DANCAU, G., dr.; CHIRITA, P.

Phenylbutazone as an adjuvant in the therapy of myocardial infarct.
Med. intern., Bucur 13 no.4:533-539 Ap '61.
(MYOCARDIAL INFARCT therapy) (PHENYLBUTAZONE therapy)

PAUNESCU-PODEANU, A.; GEORGESCU, I.; DINU, I.

Metabolism of oxalic acid and its disorders; a short report on its pathophysiology, clinical manifestations and therapy on the basis of personal observations. Cas.lek.cesk 100 no.34:1067-1072 25 Ag '61.

1. Ustav pro studium lekarstvi, Timisoara.

(OXALATES metabolism)

PAUNESCU-PODEANU, A., prof.; GEORGESCU, I., dr.; DINU, I., dr.

Metabolism of oxalic acid and its disorders. Brief data concerning their physiopathology, clinical aspects and therapy derived from our personal investigations. Med. inter., Bucur 13 no.2:169-178 F '61.

(OXALATES metabolism)

CRACIUN, E., prof.; PROTOPOPESCU, Iosefina, assist. prof.; ZAHARIA, Maria;
GEORGESCU, I.; LUCA, Cecilia

The process of cancerous invasion as studied in tissue cultures of human
cancer of the cervix and corpus uteri. Rumanian M Rev. no.2:3-8 Ap-Je
'60.

(CERVIX NEOPLASMS pathology) (UTERUS NEOPLASMS pathology)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730002-9

GEORGESCU, I.; HERZOVI, F.

Micromethod for the determination of thermocoagulable fibrogen.
Romanian M Rev. no.3:34-36 Jl-S '60.
(FIBROGEN chemistry)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730002-9"

DIMITRIU, K. [Dimitriu, C.], BERONIADE, V.; IONITSE, K. [Ionice, C.];
STIGLETS, K. [Stigloc, C.]; DZHORDZHESKIU, I. [Georgescu, I.]

Alkaptonuria. Terap.arkh. no.6:88-91 '61.

(MIRA 15:1)

1. Iz 2-y bukharestskoy terapeuticheskoy kliniki (dir. - prof.
K.K. Dimitriu) i Instituta imeni V. Babesha.
(URINE--ANALYSIS AND PATHOLOGY) (ACETIC ACID)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730002-9

GEORGESCU, I.; PIRVULESCU, Cl.; MISCA, G.; UDUDEC, I.; GRUMAZ, L.

Treatment of recurrent dislocation of the shoulder joint by
reinsertion of the capsule of the glenoid. Rumanian med. rev.
no.8:73-76 '62.

(SHOULDER DISLOCATION)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730002-9"

MATEI, Al., Pharmacist; PAVEL, E., Pharmacist; ERATU, Doina, Pharmacist;
IONESCU, Elena, Pharmacist; BALTAZAR, Rodica, Pharmacist; VASILESCU, Iulia,
Pharmacist; GEORGESCU, Ivona, Pharmacist; POPESCU, Ioanna, Pharmacist

Romania

Research done under the auspices of the Pharmaceutical Office of Arges
Region, at the Laboratory for the Control of Drugs at the Pitesti Unified
Tuberculosis Hospital

Bucarest, Farmacia, No 11, Nov 62, pp 673-682

"Solution of Certain Problems of Pharmaceutical Techniques"

8'

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730002-9

ABUREL, E.; GEORGESCU, I.

The hyperfolliculinic gynecological syndrome. Stud. cercet. endocr.
14 no.2;209-224 '63.
(ESTROGENS) (OVARY) (DISEASES) (GYNECOLOGIC NEOPLASMS)
(BREAST NEOPLASMS) (AUTONOMIC DYSFUNCTION)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730002-9"

HUMANIA

NICOLESCU, C., MD; GEORGESCU, I., MD; NEGRULESCU, OL, MD.

Obstetrics Clinic No 1 of the "Filantropia" Hospital in
Bucharest (Clinica I de obstetrica a Spitalului "Filantropia"
Bucuresti) - (for all)

Bucharest, Vitata Medicala, No 1, 1 Jan 64, pp 1-8

"Remarks on Appendicitis During Pregnancy." (Report presented
to the Society on Obstetrics of the Union of Societies of
Medical Sciences, on 3 June 1963).

KOPPICH, F., dr.; GEORGESCU, I. St., dr.; KARASSI, A., dr.;
BLANC, Golda, dr.

Contribution to the classification of the clinical forms of
chronic post-virotic hepatitis. Med. intern. 15 no.10:1207-
1217 '63.

1. Lucrare efectuata in Clinica medicala "I.C. Frimu", Bucuresti
(director: prof. C. Gh. Dimitriu).
(HEPATITIS) (HEPATITIS, INFECTIOUS)
(CLASSIFICATION) (JAUNDICE, OBSTRUCTIVE)
(SPLENOmegaly) (CHOLANGITIS)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730002-9

Mihai, Mircea, dr., candidat în stiințe medicale, ext. 473000514730002-9
Metabolism și lipide în diabet. Rev. Intern. (Buc.) 16

no.10:120 - 1226 p. 64

1. Clinica de bolile de nutritie și metabolismului, București.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730002-9"

GEORGESCU, St., dr.; ROSEALA, E., dr.; GRIMBERG, L., dr.

Clinico-radiological considerations in segmental (regional) ileitis (Crohn's disease). Med. intern. (Bucur) 17 no.5: 623- 628 My '65

1. Lucrare efectuata la Clinica medicala, Spitalul clinic de urgență "30 Decembrie", București (director: prof. C. Gh. Dimitriu).

Georgeescu, Iulia

RUMANIA/Physical Chemistry- Thermodynamics, Thermochemistry, Equilibria,
Physical-Chemical Analysis, Phase Transitions.

B-8

Abs Jour: Referat. Zhurnal Khimiya, No 2, 1958, 3764.

Author : J. Auslander, Iulia Georgescu.

Inst :

Title : Pressure of Polonium Vapor at Room Temperature.

Orig Pub: Studii si cercetari fiz., 1957, 8, No 1, 17-23,

Abstract: The preliminary results of experiments with thick layer photographic plates show that the value of polonium vapor pressure at room temperature is a magnitude of the order of $0.5 \cdot 10^{-4}$ mm of mercury column.

Card : 1/1

-12-

GEORGASCU

cd

10

Condensation of 3-methyl-6-nitrobenzonitrile and 3-methyl-6-nitrobenzamide with benzaldehyde. Eugen Macovski and Julia Georgescu. *Bull. int. sci. Acad. Române* 28, 354-62; *Trans. lab. chim. Acad. Române Bacăreni* 1, No. 1, 9 pp. (1940). Cf. C. A. 37, 5051g.

Nitration of *m*-McCall's N gives a mixt. of 3-methyl-6-nitrobenzonitrile (**I**), m. 92°, and isomeric nitro compound removable by steam distn. The distillate with KOH-H₂O₂ gives 3-methyl-2-nitrobenzamide (**II**), m. 192°, and 3-methyl-3-nitrobenzamide (**III**), m. 166°. Heating **II** with HgCl₂ hrs. at 100° gives *N,N'*-benzylidenebis(3-methyl-3-nitrobenzamide), m. 243°. **III** gives *N,N'*-benzylidenebis(3-methyl-6-nitrobenzamide), m. 235.7°. **I** with KOH-H₂O₂ gives 3-methyl-6-nitrobenzamide (**IV**), m. 176-7°, not hydrolyzed by aq. NaOMe at 37°. **IV** converts **IV** into *N,N'*-benzylidenebis(3-methyl-6-nitrobenzamide), m. 263°. **IV** with HgCl₂ in the presence of pyridine at 100° gives 3-carbamyl-4-nitrostilbene (**V**), m. 241°. Hydrolysis of 3-cyano-4-nitrostilbene by KOH-H₂O₂ and condensation of **V** with HgCl₂ in the presence of NaOMe at 37° also give **V**. J. P. Leffet

A10-11-8 METALLURGICAL LITERATURE CLASSIFICATION

SEARCHED

SERIALIZED

INDEXED

FILED

GEOORGESCU, D.

11F

ca

Stereochemical considerations in estrogenic activity
Eugen Macovski and Jalia Georgescu, Bull. int. sci.
med. române 20, 646-67; Trans. lab. chim. biol. facult.
științ. Univ. București, No. 4, 23 pp. (1946).—The physical
activity of estrogenic substances depends on the distance
between the O atoms of the substances. Optimum ac-
tivity corresponds to a distance of 9.6 Å. A mechanism
is suggested whereby both O atoms react simultaneously
in a bimol. reaction with certain substances. J. E. L.

CD

Transformation of some organic groups in the ortho position during the synthesis of stilbenes. Eugen Macovski and Jules Georgescu. (Faculté sci., Bucharest, Rumania). *Compt. rend. acad. sci. Roumaine* 8, 75-6 (1968-69); cf. C.A. 69: 6813. — During the condensation of 2,6-Me(O₂N)C₆H₄CN with aromatic aldehydes in the presence of MeONa (at 37°) the corresponding 3-carbamyl-4-nitrostilbenes are obtained, whereas the condensation of 2,6-Me(O₂N)C₆H₄CONH₂ with the same aldehydes and under the same conditions gives the 3-carboxy-4-nitrostilbenes. There occurs an unexpected transformation of groups: the CN is transformed to a CONH₂ group in the former and the CONH₂ into a COOH group in the latter case. It is assumed that these aldol-type condensations result in the formation of an intermediate HO compd. which then loses a mol. of water and gives the corresponding stilbene. The elimination of the OH loss of the alk. medium, which acts upon the methylene group of the intermediate product, causing the liberation of a proton; this does not necessarily leave the mol. but is attracted to

the N atom of the CN group or the O atom of the CONH₂ group, resp., which are in the ortho position and, therefore, in close proximity. After departure of the proton the negatively charged methylene C induces ionization of the neighboring OH group, leaving a pos. charge (CH⁺). The adjacent methylene C atoms with opposite charges form a double bond and give rise to stilbene. The ionized OH group may not leave the mol., but instead joins also with the CN or CONH₂, along with the proton (H⁺), to produce CONH₂ from CN or COOH from CONH₂, resp. The fixation of OH by CN or CONH₂ in the ortho position is very easy because the previously accepted proton has profoundly modified the nature of these groups by giving them a pos. charge. J. R. C.

ABSTRACT METALLURGICAL LITERATURE CLASSIFICATION

22000 1100000000

SEARCHED WITH ONE SET

CLASSIFIED

6-27-72, 11-27

SEARCHED WITH ONE SET

SECRET

RUMANIA/Pharmacology, Toxicology. Ganglioblocking Drugs

U-4

Abs Jour : Ref Zhur - Biol., No 4, 1958, No 17606

Author : Kleinerman, Marcush, Georgescu

Inst : Not Given

Title : The Effect of Hexamethonium Bromide on Pulmonary Hypertension
and Acute Experimental Pulmonary Edema

Orig Pub : Fiziol. norm. shi patol., 1956, 3, No 4, 445-451

Abstract : Hexamethonium bromide had no effect on experimental pulmonary hypertension and acute pulmonary edema. In mitral stenosis or cardiac insufficiency it induced a fall in pressure in the systemic and pulmonary blood circulations in pulmonary hypertension and pulmonary edema.

Card : 1/1

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730002-9

OLANESCU, G.; FINGERHUT, R.; GEORGESCU, L.; DIMITRIU, Mariana

Cyto-histochemical study of renal lithiasis. Probl. ter., Bucur.
6:77-88 1957.

(KIDNEYS, calculi
pathol. of glomeruli, tubes & peritubular tissue, cytol.
& histochem. study)

(URINE
sediment polysaccharides in renal lithiasis)
(MUCOPOLYSACCHARIDES
in urine sediment & calculi in renal lithiasis).

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730002-9"